

**TRIP REPORT**  
**AMBLER ASBESTOS PILES**  
**AMBLER**  
**MONTGOMERY COUNTY, PENNSYLVANIA**

**EPA Contract No.: EP-S3-10-05**  
**Technical Directive Document No.: WS05-12-06-001**  
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*Prepared for:*

**U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION III**  
**HAZARDOUS SITE CLEANUP DIVISION**  
**1650 ARCH STREET**  
**PHILADELPHIA, PA 19103**

**August 2012**

*Prepared by:*

**WESTON SOLUTIONS, INC.**  
1400 Weston Way  
West Chester, PA 19380

Prepared by:



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Corey Ricks  
Environmental Technician

Approved by:



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Robert McGlade  
START SOW Manager

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## LIST OF ACRONYMS

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CAD	computer –aided design
EPA	U.S. Environmental Protection Agency
GIS	graphical information system
NAVD-88	North American Vertical Datum of 1988
Rettew	Rettew Associates Inc.
TDD	Technical Directive Document
UTM	Universal Transverse Mercator
WESTON <sup>®</sup>	Weston Solutions, Inc.
WGS-84	World Geodetic System of 1984

## 1. INTRODUCTION

On 05 June 2012, U.S. Environmental Protection Agency (EPA) Region III tasked Weston Solutions, Inc. (WESTON®) under the Eastern Area Superfund Technical Assessment and Response Team (START) contract to locate the existing fence line that runs along the southwest side of the Ambler Asbestos Piles (the Site) near the Wissahickon Creek and continues between West Butler Street and Locust Street Alley at the Site in Ambler, Montgomery County, Pennsylvania under Technical Directive Document (TDD) No. WS05-12-06-001. WESTON was tasked with preparing a survey map and legal description at the Site of the security fence, which serves as the current boundary between the two properties in question, to determine if the fence was on the Wissahickon Valley Watershed Association properties. This Trip Report summarizes the response activities conducted at the site on 16 July 2012.

## 2. SITE BACKGROUND

The Site is located off Locust Street Alley in Ambler, Montgomery County, Pennsylvania. The Wissahickon Creek borders the Site to the northwest. **Figure 1** depicts more details of the Site location. Land use within proximity of the Site consists of mixed commercial and residential use with approximately 6,000 people living within 0.5 miles of the Site. The Site is made up of three asbestos-containing waste piles and multiple filter bed lagoons. Waste containing asbestos was dumped at the Site in the early 1930s and continued until 1974 (EPA, 2012). Final cleanup of the Site was completed on August 30, 1993 and approved by the EPA, (EPA, 2012).

## 3. SITE ACTIVITIES

On 16 July 2012, Rettew Associates Inc. (Rettew) from Lancaster, PA surveyed the Site under contract to WESTON. As part of the assessment activities, Rettew carried out the following tasks:

- Located the existing fence, which runs along the southwest side of the property near Wissahickon Creek and continued fence between Butler Street and Locust Street Alley.
- Ensured that horizontal coordinates were surveyed in accordance with the World Geodetic System of 1984 (WGS-84), Universal Transverse Mercator (UTM), Zone

18N coordinate system (U.S. Feet). Vertical elevations were surveyed to the North American Vertical Datum of 1988 (NAVD-88) with less than 3.28 feet accuracy.

- Provided an electronic control report, graphical information system (GIS) shapefiles, and Title Plans.

## 4. SURVEY RESULTS

Once the surveyed data were processed, the GIS shapefiles, electronic control report, and computer –aided design (CAD) layers were sent to WESTON for further analysis. Using ArcGIS software, WESTON created **Figure 2** to display the survey data results. The figure consists of a Montgomery County Parcel Boundary layer to display the location of the properties, the surveyed fence line, and an aerial image for the background. Based on the surveyed data and existing parcel information, the security fence for the Site separates the parcels owned by the DC Ambler Properties LLC and Wissahickon Valley Watershed Association properties. Based on the results from the survey data, the fence line is located on the property of DC Ambler Properties, LLC.

## 5. FUTURE ACTIONS

There are no future actions required. Survey data provided to WESTON by Rettew confirms that the fence, and therefore the entire site, is located on the property of DC Ambler Properties, LLC. Consequently, the existing Institutional Controls on the DC Ambler properties are sufficient to safeguard the remedies, and Institutional Controls do not need to be implemented on the adjacent properties.

## 6. REFERENCES

U.S. Environmental Protection Agency (EPA). 2012. Ambler Asbestos Piles, *Current Site Information*, <http://www.epa.gov/reg3hscd/super/sites/PAD000436436/> Last accessed July 26, 2012.

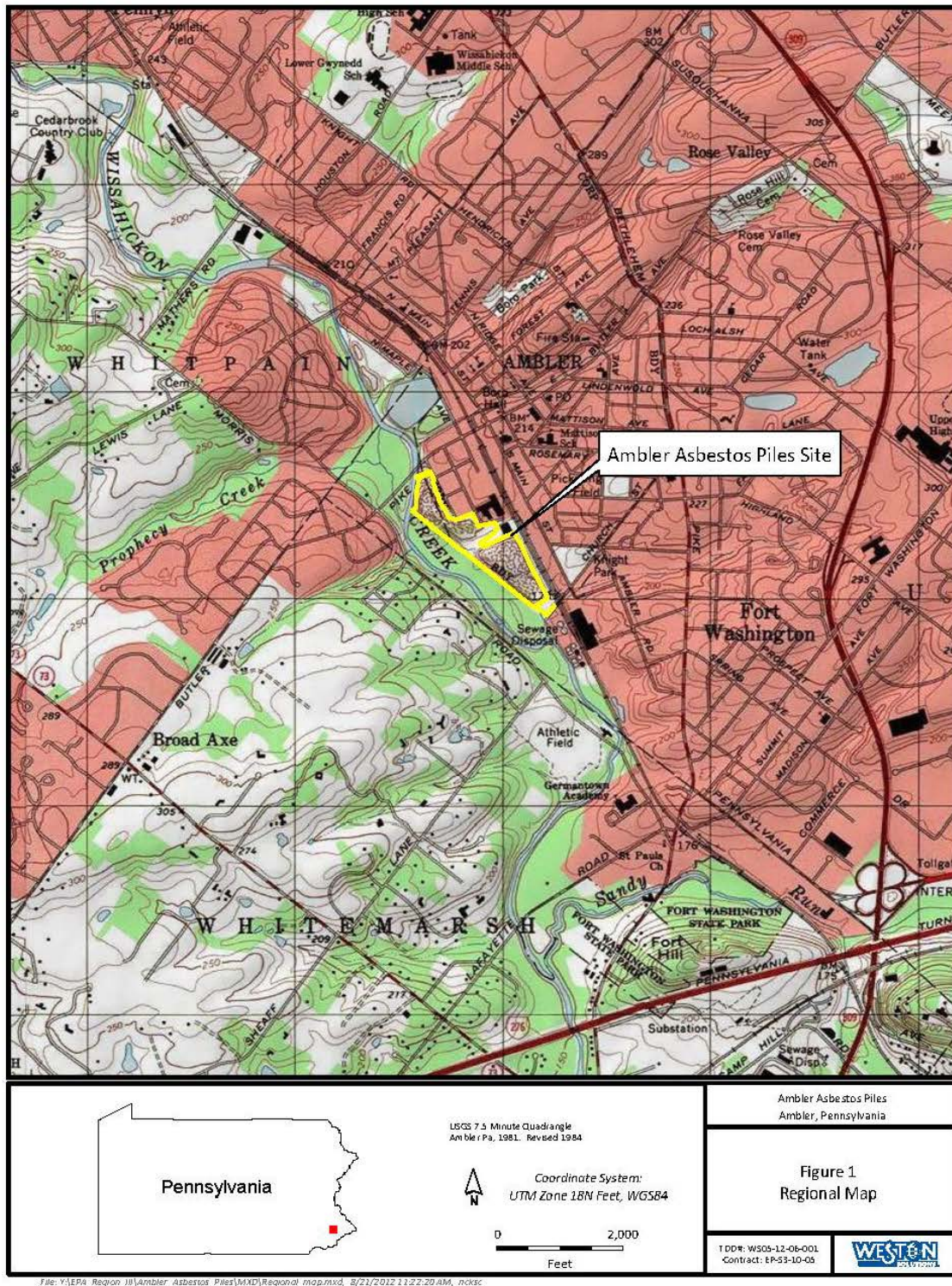


Figure 1 Regional Map





**Figure 2 Site Features Map**



## Survey Report

**LOCATION:** Ambler, PA                      **DATE:** 20 July 2012  
**SITE:** West Butler Street and Locust Street Alley,  
Ambler Borough, Montgomery County, PA 19002  
**SURVEYOR:** RETTEW Associates, Inc.  
**SOFTWARE:** CORPSCON v3.01  
**SURVEY DATUMS:**

Original Horizontal Coordinates: NAD-83 State Plane Zone PA North, U.S. FEET  
Translated Horizontal Coordinates: WGS-84 UTM Zone 0018N, U.S. FEET  
Vertical Elevations: NGVD-88, U.S. FEET

### SURVEY DATA:

PT#	Easting	Northing	Ground Elevation	Location ID
1	1577004.7030	14581948.8480	178.87	TR MAG
1000	1577328.7740	14581299.2750	179.93	CL S
1001	1577239.4470	14581466.8070	178.22	CL
1002	1577153.1880	14581630.3150	176.56	CL
1003	1577063.1350	14581798.4060	177.65	CL
1004	1576993.8670	14581928.2190	178.88	CL
1005	1576895.4580	14582114.9130	183.38	CL
1006	1576830.6750	14582237.2060	186.23	CL E
1007	1576909.5070	14582045.3400	181.89	FL S..FL1 S
1008	1576789.4450	14581994.8880	183.86	FL1
1009	1576688.9340	14581955.8350	174.53	FL1 E
1010	1576884.4000	14582000.5440	197.68	FL
1011	1576767.2500	14581944.9370	200.06	FL
1012	1576743.9880	14581891.3000	200.36	FL
1013	1576730.9810	14581780.9920	206.16	FL
1014	1576710.1250	14581656.6410	212.19	FL
1015	1576711.3230	14581595.4480	216.87	FL
1016	1576716.6590	14581490.2030	223.48	FL
1017	1576659.0530	14581446.6290	201.80	FL
1018	1576632.7890	14581417.7960	73.67	FL
1019	1576799.0970	14581294.0170	172.48	FL
1020	1576932.8300	14581192.5620	173.82	FL
1021	1577097.1740	14581060.0800	169.76	FL
1022	1577222.7070	14580961.1780	185.93	FL
1023	1577247.8760	14580957.8530	173.24	FL
1024	1577256.2750	14580957.7060	170.88	FL
1025	1577269.4070	14580932.8370	175.46	FL
1026	1577413.7040	14580829.4530	171.55	FL
1027	1577459.1120	14580794.7290	169.76	FL
1028	1577501.2660	14580783.3430	181.54	FL
1029	1577508.0440	14580759.1270	169.53	FL
1030	1577693.0710	14580631.2130	172.99	FL
1031	1577985.3590	14580414.3320	170.28	FL
1032	1578186.1730	14580249.2690	167.93	FL
1033	1578555.3280	14579995.0050	168.28	FL
1034	1578841.8470	14579823.9850	162.55	FL1
1035	1578642.0660	14579934.7510	167.07	FL
1036	1578663.8220	14579932.7720	164.87	FL E
1037	1578857.3480	14579800.2020	167.67	FL

1038	1578837.7040	14579836.9310	166.75	FL S..FL1
1039	1578833.2360	14579831.2790	167.45	FL1
1040	1578940.4410	14579973.6840	173.03	FL E
10000	1577221.3970	14581455.7840	178.53	TR RB
20000	1577221.3970	14581455.7840	178.53	OPUS



